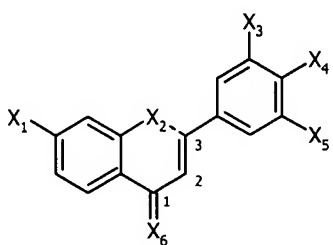


IN THE CLAIMS:

Amend the claims as follows.

Claims 1-37. (Canceled)

38. (New) Substituted 1,3-diphenylprop-2-en-1-one derivative, wherein it is represented by formula (I) below :



(I)

in which :

X1 represents a halogen or a -R1 group or a group corresponding to the following formula : -G1-R1,

X2 represents a hydrogen atom or a thionitroso group or a hydroxy group or an alkylcarbonyloxy or an unsubstituted alkyloxy group or a thiol group or an alkylthio group or an alkylcarbonylthio group, X2 can also represent an oxygen or sulfur atom bound to carbon 3 of the propene chain, so as to form a derivative of the type 2-phenyl-4H-1-benzopyran-4-one or of the type 2-phenyl-4H-1-benzothiopyran-4-one, *

X3 represents a -R3 group or a group corresponding to the following formula : -G3-R3,

X4 represents a halogen or a thionitroso group or a -R4 group or a group corresponding to the following formula : -G4-R4,

X5 represents a -R5 group or a group corresponding to the following formula : -G5-R5,

X6 is an oxygen atom or a nitrogen atom, in the case where X6 is a nitrogen atom, it carries a hydrogen atom or a hydroxy group or an alkyloxy group,

R1, R3, R4, R5, which are the same or different, represent a hydrogen atom or an alkyl group substituted or not by a substituent which is part of group 1 or group 2 defined hereinbelow,

G1, G3, G4, G5, which are the same or different, represent an oxygen or sulfur atom,

with at least one of the groups X1, X3, X4 or X5 corresponding to the formula -G-R in which G is a sulfur atom, and

with at least one of the groups R1, R3, R4 or R5 present in the form of an alkyl group containing at least one substituent from group 1 or 2, said alkyl group being bound directly to the ring or being associated with a group G according to the formula -GR,

substituents from group 1 are selected in the group consisting of carboxy groups corresponding to the formula : $-\text{COOR}_6$ and carbamoyl groups corresponding to the formula : $-\text{CONR}_6\text{R}_7$,

substituents from group 2 are selected in the group consisting of sulfonic acid ($-\text{SO}_3\text{H}$) and sulfonamide groups corresponding to the formula : $-\text{SO}_2\text{NR}_6\text{R}_7$,

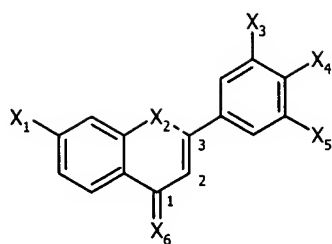
with R_6 and R_7 , which are the same or different, representing a hydrogen atom or an alkyl group possibly substituted by at least one group of the type 1 or 2,

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof,

with the exception of compounds represented by formula (I) in which :

X_2 represents a hydrogen atom and X_1 represents $-\text{G}_1\text{R}_1$ where G_1 represents an oxygen atom and R_1 represents CH_2COOH .

39. (New) Substituted 1,3-diphenylprop-2-en-1-one derivative, wherein it is represented by formula (I) below :



(I)

in which :

X1 represents a halogen or a -R1 group or a group corresponding to the following formula : -G1-R1,

X2 represents a hydrogen atom or a thionitroso group or a hydroxy group or an alkylcarbonyloxy or an unsubstituted alkyloxy group or a thiol group or an alkylthio group or an alkylcarbonylthio group, X2 can also represent a sulfur atom bound to carbon 3 of the propene chain, so as to form a derivative of the type 2-phenyl-4H-1-benzothiopyran-4-one,

X3 represents a -R3 group or a group corresponding to the following formula : -G3-R3,

X4 represents a halogen or a thionitroso group or a -R4 group or a group corresponding to the following formula : -G4-R4,

X5 represents a -R5 group or a group corresponding to the following formula : -G5-R5,

X6 is an oxygen atom or a nitrogen atom, in the case where X6 is a nitrogen atom, it carries a hydrogen atom or a hydroxy group or an alkyloxy group,

R1, R3, R4, R5, which are the same or different, represent a hydrogen atom or an alkyl group substituted or not by a substituent which is part of group 1 or group 2 defined hereinbelow,

G1, G3, G4, G5, which are the same or different, represent an oxygen or sulfur atom, with at least one of the groups X1, X3, X4 or X5 corresponding to the formula -G-R, and

with none of the groups X3, X4 and X5 representing a hydrogen atom, and

with at least one of the groups R1, R3, R4 or R5 present in the form of an alkyl group containing at least one substituent from group 1 or 2, said alkyl group being bound directly to the ring or being associated with a group G according to the formula -GR,

substituents from group 1 are selected in the group consisting of carboxy groups corresponding to the formula : -COOR₆ and carbamoyl groups corresponding to the formula : -CONR₆R₇,

substituents from group 2 are selected in the group consisting of sulfonic acid ($-\text{SO}_3\text{H}$) and sulfonamide groups corresponding to the formula : $-\text{SO}_2\text{NR}_6\text{R}_7$,

with R_6 and R_7 , which are the same or different, representing a hydrogen atom or an alkyl group possibly substituted by at least one group of the type 1 or 2,

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof,

with the exception of compounds represented by formula (I) in which :

X_2 represents a hydrogen atom and X_1 represents $-\text{G}_1\text{R}_1$ where G_1 represents an oxygen atom and R_1 represents CH_2COOH .

40. (New) Derivative according to claim 38 or 39, wherein it can correspond to the cis or trans conformation or a mixture thereof.

41. (New) Derivative according to claim 38, wherein none of the groups X_3 , X_4 and X_5 represents a hydrogen atom.

42. (New) Derivative according to claim 38, wherein one or two of the groups X_3 , X_4 and X_5 represents a hydrogen atom.

43. (New) Derivative according to claim 38 or 39, wherein both G1 and G4 represent a sulfur atom.

44. (New) Derivative according to claim 38 or 39, wherein X2 is a hydrogen atom, a thionitroso group or a hydroxy group or an alkyloxy group or a thiol group or an alkylthio group.

45. (New) Derivative according to claim 38 or 39, wherein X4 is a thionitroso group or a -R4 group or a group corresponding to the formula -G4-R4 and X2 is a thionitroso group or a hydroxy group or an alkyloxy group or a thiol group or an alkylthio group.

46. (New) Derivative according to claim 38 or 39, wherein X1 represents a -R1 group or a group corresponding to the formula -G1-R1, with R1 being an alkyl group substituted by a substituent which is part of group 1.

47. (New) Derivative according to claim 38 or 39, wherein X1 is a -G1-R1 group.

48. (New) Derivative according to claim 38 or 39, wherein X1 is a -G1-R1 group in which G1 is an oxygen atom.

49. (New) Derivative according to claim 38 or 39, wherein X1 represents a -R1 group or a group corresponding to the formula -G1-R1, with R1 being an alkyl group substituted by a substituent which is part of group 2.

50. (New) Derivative according to claim 38 or 39, wherein X3 represents a -R3 group or a group corresponding to the formula -G3-R3, with R3 being an alkyl group substituted by a substituent which is part of group 1.

51. (New) Derivative according to claim 38 or 39, wherein X3 represents a -R3 group or a group corresponding to the formula -G3-R3, with R3 being an alkyl group substituted by a substituent which is part of group 2.

52. (New) Derivative according to claim 38 or 39, wherein X4 represents a -R4 group or a group corresponding to the formula -G4-R4 with R4 being an alkyl group substituted by a substituent which is part of group 1.

53. (New) Derivative according to claim 38 or 39, wherein X4 is a -G4-R4 group.

54. (New) Derivative according to claim 38 or 39, wherein X4 is a -G4-R4 group in which G4 is an oxygen atom.

55. (New) Derivative according to claim 38 or 39, wherein X4 is a -G4-R4 group in which G4 is an oxygen atom, and X3 or X5 respectively represent R3 or G3R3, on

the one hand, and R5 or G5R5, on the other hand, with R3 and R5 being alkyl groups containing a substituent from group 1.

56. (New) Derivative according to claim 38 or 39, wherein X4 represents a -R4 group or a group corresponding to the formula -G4-R4 with R4 being an alkyl group substituted by a substituent which is part of group 2.

57. (New) Derivative according to claim 38 or 39, wherein X1 represents a halogen.

58. (New) Derivative according to claim 38 or 39, wherein X6 represents an oxygen atom.

59. (New) Derivative according to claim 38 or 39, wherein X1, X3, X4 or X5 represents $\text{OC}(\text{CH}_3)_2\text{COOR}_6$.

60. (New) Derivative according to claim 38 or 39, wherein X1, X3, X4 or X5 represents $\text{SC}(\text{CH}_3)_2\text{COOR}_6$.

61. (New) Derivative according to claim 38 or 39, wherein it is selected in the group consisting of :

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-ethyloxycarbonyldimethylmethoxyphenyl]-3-[3,5-di*tert*butyl-4-

hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*butyl phenyl]prop-

2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethoxy-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethoxy-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-

1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethyl-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethyl-4-hydroxy-5-

*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-

carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-

*isopropyl*oxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropoxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropoxycarbonyldimethylmethoxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-isopropoxycarbonyldimethylmethoxyphenyl]-prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropoxycarbonyldimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-isopropoxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-*isopropoxy*carbonyl
dimethylmethoxyphenyl]prop-2-en-1-one,
1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,
1-[2-hydroxyphenyl]-3-[4-*isopropoxy*carbonyldimethylmethylthiophenyl]prop-2-en-1-
one,
1-[2-hydroxy-4-ethoxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-
hydroxyphenyl]prop-2-en-1-one,
1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-
one,
1-[4-chlorophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-
2-en-1-one,
1-[4-chlorophenyl]-3-[3,5-dimethyl-4-
*isopropoxy*carbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,
1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,
1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,
1-[4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-
one,
1-[4-methylthiophenyl]-3-[4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,
1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-
2-en-1-one,
1-[4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-
isopropylloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-
one,
1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-
one,
1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-
one,
1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,
1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-
carboxydimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-heptylphenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-
2-en-1-one,
1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,
1-[4-bromophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-
2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

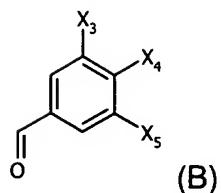
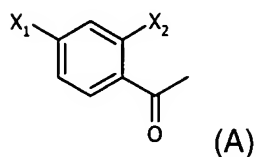
62. (New) Derivative according to claim 38 or 39, wherein it is selected in the group consisting of :

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

63. (New) Method for preparing compounds represented by formula (I) as defined in claim 38 or 39, wherein it comprises contacting in basic or acidic medium at least one compound corresponding to formula (A) with at least one compound corresponding to formula (B), formulas (A) and (B) being :



64. (New) Pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound represented by formula (I) such as defined in claim 38 or 39.

65. (New) Pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound represented by formula (I) such as defined in claim 38 or 39, for the treatment or prophylaxis of a cerebrovascular pathology.

66. (New) Pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound represented by formula (I) such as defined in claim 38 or 39 for the treatment or prophylaxis of a cerebral ischemia.

67. (New) Pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound represented by formula (I) such as defined in claim 38 or 39 for the treatment or prophylaxis of a hemorrhagic stroke.

68. (New) Method of treatment and/or prophylaxis of cerebrovascular diseases comprising administering to a subject at least one compound represented by formula (I) such as defined in claim 38 or 39.